ABSTRACT

The invention provides an organo-electronic functional material comprising a tris(arylamino)benzene represented by the general formula (I)

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wherein A and B are each a group represented by the general formula (II)

in which R is an alkyl group of 1.6 carbons or a cycloalkyl group of 5 or 6 carbon atoms and n is 0, 1, 2 or 3, and A and B may be the same or different from each other, and exhibiting a cyclic voltamogram in which a deviation of peak current of cyclic curves as measured 50 times at a sweep rate of 20 mV/s falls within $\pm 10\%$ of the average of peak current.

The organo-electronic functional material has an opto-electronic exchanging function, a reversible oxidation-reduction property and a high glass transition temperature, and can form amorphous film in itself. In addition, it is stable and exhibits only slight variation of peak current in repeated oxidation-reduction process so that it is suitable for use as, for example, a hole transporting material among others in various electronic devices including an organic electroluminescence element.